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TITLE:

FIBER TREATING LIQUID, MODIFIED FIBER FABRIC

AND METHOD

FOR PRODUCING THE FABRIC

PUBN-DATE:

July 21, 2005

INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a modified fiber fabric having a high water

absorption property/a hygroscopic property while ensuring softness and touch

feeling such as a drape property, excellent in absorption of perspiration,

etc., having durability (e.g. washing resistance) and imparting softness to the

skin, having high healing ability/regeneration ability-assistant effects of the

skin and low irritation to the skin and to provide a method for producing the fabric.



SOLUTION: The modified $\underline{\mathbf{fiber}}$ fabric is obtained by polymerizing (X) a

component which is a water-soluble egg shell film powder with a component (A)

which is a bifunctional monomer represented by general formula (1), a component

(B) containing any group among a hydroxy group, a carboxyl group, an amino

group, a sulfonic <u>acid</u> group and a phosphoric <u>acid</u> group and a component (C)

which is a monomer containing at least one <u>aziridine</u> group or a component which

is a water<u>-soluble</u> polymer containing a polycarbodiimide group, a polyethyleneimine group and oxazoline group on a **fiber** fabric.

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